

PROJECT DESCRIPTION
GENERAL

THIS PROJECT INVOLVES THE REPLACEMENT OF VEHICLE LOOP DETECTORS WITH VIDEO DETECTION AT THE INTERSECTION OF MD 140 (TANEYTOWN PIKE) AT MD 31 IN CARROLL COUNTY.

INTERSECTION OPERATION

THE INTERSECTION IS PRESENTLY OPERATING IN A NEMA TWO (2) PHASE FULLY-ACTUATED MODE. THERE IS PRESENTLY AN EXCLUSIVE/PERMISSIVE LEFT TURN PHASE FOR WESTBOUND MOVEMENT OF MD 140. MD 140 WESTBOUND THROUGH MOVEMENT DOES NOT STOP AT ANY TIME.

AN EIGHT PHASE, FULLY TRAFFIC ACTUATED CONTROLLER HOUSED IN A POLE MOUNTED CABINET IS EXISTING AT THIS LOCATION.

SPECIAL NOTES

1. THE FOLLOWING CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

PROJECT CONTACTS:

MR. JOHN CONCANNON, ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 624-8140
MR. JOHN HUCKROWSKI, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
PHONE: (301) 624-8200
MR. RAYMOND JOHNSON, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (301) 624-8105
MS. ANDREA AGENO, UTILITY ENGINEER
PHONE: (301) 624-8115
MR. RICHARD L. DAFF, SR. CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630
MR. EDWARD RODENHIZER, SUPERVISOR, SIGNAL OPERATIONS
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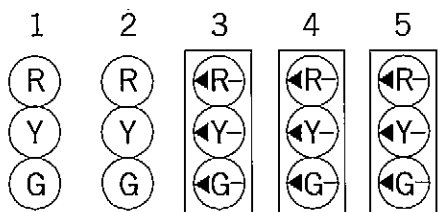
EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.
NONE.

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

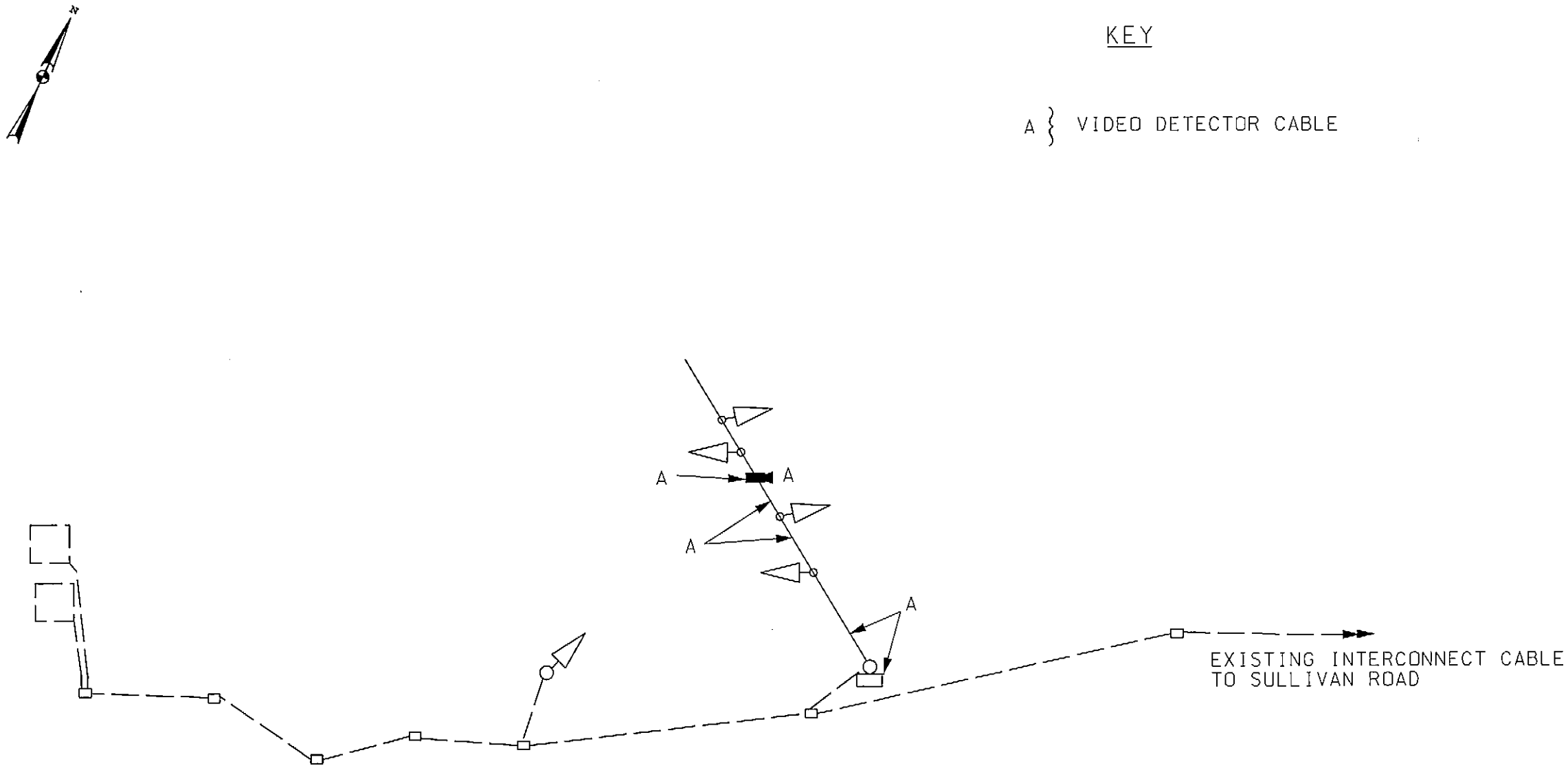
QUANTITY	UNITS	DESCRIPTION
LUMP SUM	LS	MOBILIZATION.
LUMP SUM	LS	MAINTENANCE OF TRAFFIC.
1	EA	TERRA VIDEO DETECTION CAMERA.
60	LF	TERRA VIDEO DETECTION CABLE
1	EA	TERRA VIDEO INTERFACE PANEL.

Phase Chart



PHASE 1	R	R	←G-	←G-	←G-	↙
1 CHANGE	R	R	←Y-	←Y-	←Y-	↘
PHASE 2	G	G	FL ←R-	FL ←R-	FL ←R-	↘
2 CHANGE	Y	Y	FL ←R-	FL ←R-	FL ←R-	↙
FLASHING OPERATION	FL/Y	FL/Y	FL/ ←R-	FL/ ←R-	FL/ ←R-	↘

Wiring Diagram



KEY

A } VIDEO DETECTOR CABLE



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 140 (Taneytown Pike) at MD 31
Village of Meadow Creek

GENERAL INFORMATION PLAN

SCALE	NA	DATE	FEB 9, 2010	CONTRACT NO.	BW996M82
DESIGNED BY	J. Dirndorfer	COUNTY	Carroll		
DRAWN BY	J. Dirndorfer	LOGMILE	06014010.73		
CHECKED BY		TIMS NO.	J-131		
F.A.P. NO.	NA	TOD NO.	NA		
TS NO. 3214C-GI	DRAWING	- 02 OF 02	SHEET NO. 4	OF 4	

PLOTTED: Tuesday, February 16, 2010 AT 03:10 PM
FILE: J:\DATA\SVI\From_TG\0210\G- MD 140_MD 31.dgn



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